LISTING OF CLAIMS

Claims 1-19 are pending in this application. Claims 1, 7, 13 and 19 are herein amended as shown below, with no new matter being added by the amendments presented herein.

The following listing of claims will replace all prior versions and listings, of claims in this application.

1.   (Currently Amended) A remote control apparatus for remote controlling an image sensing apparatus by changing image sensing conditions of the image sensing apparatus, said remote control apparatus comprising:

a map display device which displays map information;

a state display device which obtains parameters of the image sensing apparatus and displays a symbol which indicates a position and state of the image sensing apparatus on the map information displayed by said map display device on the basis of the parameters;

a designation device which allows direct designation on the displayed map information of an arbitrary size, shape, and position of image sensing area to be sensed, independent of the current image sensing area, by the image sensing apparatus without changing the state of the symbol; and

a control value calculation device which calculates a control value for controlling an angle of view of the image sensing apparatus on the basis of [[a]] the size of the image sensing area designated by said designation device.

2.   (Previously Presented) The remote control apparatus according to claim 1, wherein said control value calculation device further calculates a direction of the image sensing apparatus on the basis of the image sensing area designated by said designation device.

3.   (Previously Presented) The remote control apparatus according to claim 1, wherein said state display device obtains the parameters of the image sensing apparatus at a predetermined time interval.

4.   (Previously Presented) The remote control apparatus according to claim 2, wherein the parameters include a direction of the image sensing apparatus.

5.   (Previously Presented) The remote control apparatus according to claim 1, wherein the parameters include an angle of view of the image sensing apparatus.

6.   (Previously Presented) The remote control apparatus according to claim 2, wherein said control value calculation device calculates a rectangular area which circumscribes the image sensing area designated by said designation device, obtains X and Y coordinates of each vertex of the rectangular area on the map information, and determines a direction to the center of the rectangular area as the direction of the image sensing apparatus, and a smallest angle which includes all the vertices of the rectangular area is determined as the angle of view of the image sensing apparatus.

7.   (Currently Amended) An image sensing system which remote controls an image sensing apparatus by changing image sensing conditions of the image sensing apparatus, said system comprising:

a map display device which displays map information;

a state display device which obtains parameters of the image sensing apparatus and displays a symbol which indicates a position and state of the image sensing apparatus on the map information displayed by said map display device on the basis of the parameters;

a designation device which allows direct designation on the displayed map information of an arbitrary size, shape, and position of image sensing area to be sensed,

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<u>independent of the current image sensing area,</u> by the image sensing apparatus without changing

the state of the symbol; and

a control device which controls an angle of view of the image sensing apparatus

on the basis of [[a]] <u>the</u> size of the designation by said designation device.

8.   (Previously Presented) The image sensing system according to claim 7,

wherein said control device further controls a direction of the image sensing apparatus on the

basis of the image sensing area designated by said designation device.

9.   (Previously Presented) The image sensing system according to claim 7,

wherein said state display device obtains the parameters of the image sensing apparatus at a

predetermined time interval.

10.   (Previously Presented) The image sensing system according to claim 8,

wherein the parameters include a direction of the image sensing apparatus.

11.   (Previously Presented) The image sensing system according to claim 7,

wherein the parameters include an angle of view of the image sensing apparatus.

12.   ,   (Previously Presented) The image sensing system according to claim 8,

further comprising a control value calculation device which calculates a control value for

controlling the image sensing apparatus on the basis of the image sensing area designated by said

designation device and outputting the control value to said control device,

wherein said control value calculation device calculates a rectangular area which

circumscribes the image sensing area designated by said designation device, obtains X and Y

coordinates of each vertex of the rectangular area on the map information, and determines a

direction to the center of the rectangular area as the direction of the image sensing apparatus, and

a smallest angle which includes all the vertices of the rectangular area is determined as the angle

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of view of the image sensing apparatus.

13.   (Currently Amended) A remote control method for remote controlling an image sensing apparatus by changing image sensing conditions of the image sensing apparatus, said method comprising:

displaying map information;

obtaining parameters of the image sensing apparatus;

displaying a symbol which indicates a position and state of the image sensing apparatus on the displayed map information on the basis of the obtained parameters;

directly designating on the displayed map information an <u>arbitrary size, shape, and position of</u> image sensing area to be sensed<u>, independent of the current image sensing area,</u> by the image sensing apparatus without changing the state of the symbol; and

controlling an angle of view of the image sensing apparatus on the basis of [[a]] <u>the</u> size of the designated image sensing area.

14.   (Previously Presented) The remote control method according to claim 13 further comprising controlling a direction of the image sensing apparatus on the basis of the designated image sensing area.

15.   (Previously Presented) The remote control method according to claim 13, wherein the parameters of the image sensing apparatus are obtained at a predetermined time interval.

16.   (Previously Presented) The remote control method according to claim 14, wherein the parameters include a direction of the image sensing apparatus.

17.   (Previously Presented) The remote control method according to claim 13, wherein the parameters include an angle of view of the image sensing apparatus.

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18.   (Previously Presented) The remote control method according to claim 14, further comprising calculating a control value for controlling the image sensing apparatus on the basis of the designated image sensing area and outputting the control value,

wherein, in calculating the control value, a rectangular area which circumscribes the designated image sensing is calculated, X and Y coordinates of each vertex of the rectangular area on the map information are obtained, and a direction to the center of the rectangular area is determined as the direction of the image sensing apparatus, and a smallest angle which includes all the vertices of the rectangular area is determined as the angle of view of the image sensing apparatus.

19.   (Currently Amended) A computer program product comprising a computer usable medium having computer readable program code embodied in said medium for remote controlling an image sensing apparatus by changing image sensing conditions of the image sensing apparatus, said product comprising:

first computer readable program code for displaying map information;

second computer readable program code for obtaining parameters of the image sensing apparatus;

third computer readable program code for displaying a symbol which indicates a position and state of the image sensing apparatus on the displayed map information on the basis of the parameters by said second computer readable parameter obtaining program code;

fourth computer readable program code for allowing direct designation on the displayed map information of an arbitrary size, shape, and position of image sensing area to be sensed, independent of the current image sensing area, by the image sensing apparatus without changing the state of the symbol; and

fifth computer readable program code for controlling an angle of view of the

image sensing apparatus on the basis of [[a]] <u>the</u> size of the designated image sensing area.